

<h1 style="margin: 0;">FEE TRANSMITTAL</h1> <h2 style="margin: 0;">for FY 1999</h2> <p style="font-size: small; margin: 0;">Patent fees are subject to annual revision. Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.</p>		<p><i>Complete if Known</i></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Application Number</td><td>---</td></tr> <tr><td>Filing Date</td><td>---</td></tr> <tr><td>First Named Inventor</td><td>Richard C. Adams et al.</td></tr> <tr><td>Examiner Name</td><td>---</td></tr> <tr><td>Group / Art Unit</td><td>---</td></tr> <tr><td>Attorney Docket No.</td><td>79628</td></tr> </table>		Application Number	---	Filing Date	---	First Named Inventor	Richard C. Adams et al.	Examiner Name	---	Group / Art Unit	---	Attorney Docket No.	79628
Application Number	---														
Filing Date	---														
First Named Inventor	Richard C. Adams et al.														
Examiner Name	---														
Group / Art Unit	---														
Attorney Docket No.	79628														
TOTAL AMOUNT OF PAYMENT	(\$) 1,228.00														

<h3 style="text-align: center; margin: 0;">METHOD OF PAYMENT (check one)</h3> <p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number 04-0814</p> <p>Deposit Account Name Department of the Navy</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p>2. <input type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p> <h3 style="text-align: center; margin: 0;">FEE CALCULATION</h3> <div style="border: 1px solid black; padding: 5px;"> <h4 style="margin: 0;">1. BASIC FILING FEE</h4> <table style="width: 100%; font-size: x-small;"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101 760</td><td>201 380</td><td>Utility filing fee</td><td style="border: 1px solid black; text-align: right;">760.00</td></tr> <tr><td>106 310</td><td>206 155</td><td>Design filing fee</td><td style="border: 1px solid black; text-align: right;"></td></tr> <tr><td>107 480</td><td>207 240</td><td>Plant filing fee</td><td style="border: 1px solid black; text-align: right;"></td></tr> <tr><td>108 760</td><td>208 380</td><td>Reissue filing fee</td><td style="border: 1px solid black; text-align: right;"></td></tr> <tr><td>114 150</td><td>214 75</td><td>Provisional filing fee</td><td style="border: 1px solid black; text-align: right;"></td></tr> </tbody> </table> <p style="text-align: right; margin-top: 5px;">SUBTOTAL (1) (\$) 760.00</p> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> <h4 style="margin: 0;">2. EXTRA CLAIM FEES</h4> <table style="width: 100%; font-size: x-small;"> <thead> <tr> <th>Total Claims</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>46</td> <td>-20** = 26</td> <td>18.00</td> <td style="border: 1px solid black; text-align: right;">468.00</td> </tr> <tr> <td>3</td> <td>-3** = 0</td> <td>78.00</td> <td style="border: 1px solid black; text-align: right;">0</td> </tr> <tr> <td colspan="2">Multiple Dependent</td> <td></td> <td style="border: 1px solid black; text-align: right;">0</td> </tr> </tbody> </table> <p style="font-size: x-small; margin-top: 5px;">**or number previously paid, if greater; For Reissues, see below</p> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> <h4 style="margin: 0;">Large Entity Small Entity</h4> <table style="width: 100%; font-size: x-small;"> <thead> <tr> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr><td>103 18</td><td>203 9</td><td>Claims in excess of 20</td></tr> <tr><td>102 78</td><td>202 39</td><td>Independent claims in excess of 3</td></tr> <tr><td>104 260</td><td>204 130</td><td>Multiple dependent claim, if not paid</td></tr> <tr><td>109 78</td><td>209 39</td><td>** Reissue independent claims over original patent</td></tr> <tr><td>110 18</td><td>210 9</td><td>** Reissue claims in excess of 20 and over original patent</td></tr> </tbody> </table> </div> <p style="text-align: right; margin-top: 5px;">SUBTOTAL (2) (\$) 468.00</p> </div>	Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	101 760	201 380	Utility filing fee	760.00	106 310	206 155	Design filing fee		107 480	207 240	Plant filing fee		108 760	208 380	Reissue filing fee		114 150	214 75	Provisional filing fee		Total Claims	Extra Claims	Fee from below	Fee Paid	46	-20** = 26	18.00	468.00	3	-3** = 0	78.00	0	Multiple Dependent			0	Fee Code (\$)	Fee Code (\$)	Fee Description	103 18	203 9	Claims in excess of 20	102 78	202 39	Independent claims in excess of 3	104 260	204 130	Multiple dependent claim, if not paid	109 78	209 39	** Reissue independent claims over original patent	110 18	210 9	** Reissue claims in excess of 20 and over original patent	<h3 style="text-align: center; margin: 0;">FEE CALCULATION (continued)</h3> <h4 style="margin: 0;">3. ADDITIONAL FEES</h4> <table style="width: 100%; font-size: x-small;"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105 130</td><td>205 65</td><td>Surcharge - late filing fee or oath</td><td style="border: 1px solid black; text-align: right;"></td></tr> <tr><td>127 50</td><td>227 25</td><td>Surcharge - late provisional filing fee or cover sheet.</td><td style="border: 1px solid black; text-align: right;"></td></tr> <tr><td>139 130</td><td>139 130</td><td>Non-English specification</td><td style="border: 1px solid black; text-align: right;"></td></tr> <tr><td>147 2,520</td><td>147 2,520</td><td>For filing a request for reexamination</td><td style="border: 1px solid black; text-align: right;"></td></tr> <tr><td>112 920*</td><td>112 920*</td><td>Requesting publication of SIR prior to Examiner action</td><td style="border: 1px solid black; text-align: right;"></td></tr> <tr><td>113 1,840*</td><td>113 1,840*</td><td>Requesting publication of SIR after Examiner action</td><td style="border: 1px solid black; text-align: right;"></td></tr> <tr><td>115 110</td><td>215 55</td><td>Extension for reply within first month</td><td style="border: 1px solid black; text-align: right;"></td></tr> <tr><td>116 380</td><td>216 190</td><td>Extension for reply within second month</td><td style="border: 1px solid black; text-align: right;"></td></tr> <tr><td>117 870</td><td>217 435</td><td>Extension for reply within third month</td><td style="border: 1px solid black; text-align: right;"></td></tr> <tr><td>118 1,360</td><td>218 680</td><td>Extension for reply within fourth month</td><td style="border: 1px solid black; text-align: right;"></td></tr> <tr><td>128 1,850</td><td>228 925</td><td>Extension for reply within fifth month</td><td style="border: 1px solid black; text-align: right;"></td></tr> <tr><td>119 300</td><td>219 150</td><td>Notice of Appeal</td><td style="border: 1px solid black; text-align: right;"></td></tr> <tr><td>120 300</td><td>220 150</td><td>Filing a brief in support of an appeal</td><td style="border: 1px solid black; text-align: right;"></td></tr> <tr><td>121 260</td><td>221 130</td><td>Request for oral hearing</td><td style="border: 1px solid black; text-align: right;"></td></tr> <tr><td>138 1,510</td><td>138 1,510</td><td>Petition to institute a public use proceeding</td><td style="border: 1px solid black; text-align: right;"></td></tr> <tr><td>140 110</td><td>240 55</td><td>Petition to revive - unavoidable</td><td style="border: 1px solid black; text-align: right;"></td></tr> <tr><td>141 1,210</td><td>241 605</td><td>Petition to revive - unintentional</td><td style="border: 1px solid black; text-align: right;"></td></tr> <tr><td>142 1,210</td><td>242 605</td><td>Utility issue fee (or reissue)</td><td style="border: 1px solid black; text-align: right;"></td></tr> <tr><td>143 430</td><td>243 215</td><td>Design issue fee</td><td style="border: 1px solid black; text-align: right;"></td></tr> <tr><td>144 580</td><td>244 290</td><td>Plant issue fee</td><td style="border: 1px solid black; text-align: right;"></td></tr> <tr><td>122 130</td><td>122 130</td><td>Petitions to the Commissioner</td><td style="border: 1px solid black; text-align: right;"></td></tr> <tr><td>123 50</td><td>123 50</td><td>Petitions related to provisional applications</td><td style="border: 1px solid black; text-align: right;"></td></tr> <tr><td>126 240</td><td>126 240</td><td>Submission of Information Disclosure Stmt</td><td style="border: 1px solid black; text-align: right;"></td></tr> <tr><td>581 40</td><td>581 40</td><td>Recording each patent assignment per property (times number of properties)</td><td style="border: 1px solid black; text-align: right;"></td></tr> <tr><td>146 760</td><td>246 380</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td style="border: 1px solid black; text-align: right;"></td></tr> <tr><td>149 760</td><td>249 380</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td style="border: 1px solid black; text-align: right;"></td></tr> </tbody> </table> <p>Other fee (specify) _____</p> <p>Other fee (specify) _____</p> <p style="text-align: right; margin-top: 5px;">SUBTOTAL (3) (\$)</p> <p style="font-size: x-small; margin-top: 5px;">* Reduced by Basic Filing Fee Paid</p>	Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	105 130	205 65	Surcharge - late filing fee or oath		127 50	227 25	Surcharge - late provisional filing fee or cover sheet.		139 130	139 130	Non-English specification		147 2,520	147 2,520	For filing a request for reexamination		112 920*	112 920*	Requesting publication of SIR prior to Examiner action		113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action		115 110	215 55	Extension for reply within first month		116 380	216 190	Extension for reply within second month		117 870	217 435	Extension for reply within third month		118 1,360	218 680	Extension for reply within fourth month		128 1,850	228 925	Extension for reply within fifth month		119 300	219 150	Notice of Appeal		120 300	220 150	Filing a brief in support of an appeal		121 260	221 130	Request for oral hearing		138 1,510	138 1,510	Petition to institute a public use proceeding		140 110	240 55	Petition to revive - unavoidable		141 1,210	241 605	Petition to revive - unintentional		142 1,210	242 605	Utility issue fee (or reissue)		143 430	243 215	Design issue fee		144 580	244 290	Plant issue fee		122 130	122 130	Petitions to the Commissioner		123 50	123 50	Petitions related to provisional applications		126 240	126 240	Submission of Information Disclosure Stmt		581 40	581 40	Recording each patent assignment per property (times number of properties)		146 760	246 380	Filing a submission after final rejection (37 CFR 1.129(a))		149 760	249 380	For each additional invention to be examined (37 CFR 1.129(b))	
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid																																																																																																																																																																				
101 760	201 380	Utility filing fee	760.00																																																																																																																																																																				
106 310	206 155	Design filing fee																																																																																																																																																																					
107 480	207 240	Plant filing fee																																																																																																																																																																					
108 760	208 380	Reissue filing fee																																																																																																																																																																					
114 150	214 75	Provisional filing fee																																																																																																																																																																					
Total Claims	Extra Claims	Fee from below	Fee Paid																																																																																																																																																																				
46	-20** = 26	18.00	468.00																																																																																																																																																																				
3	-3** = 0	78.00	0																																																																																																																																																																				
Multiple Dependent			0																																																																																																																																																																				
Fee Code (\$)	Fee Code (\$)	Fee Description																																																																																																																																																																					
103 18	203 9	Claims in excess of 20																																																																																																																																																																					
102 78	202 39	Independent claims in excess of 3																																																																																																																																																																					
104 260	204 130	Multiple dependent claim, if not paid																																																																																																																																																																					
109 78	209 39	** Reissue independent claims over original patent																																																																																																																																																																					
110 18	210 9	** Reissue claims in excess of 20 and over original patent																																																																																																																																																																					
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid																																																																																																																																																																				
105 130	205 65	Surcharge - late filing fee or oath																																																																																																																																																																					
127 50	227 25	Surcharge - late provisional filing fee or cover sheet.																																																																																																																																																																					
139 130	139 130	Non-English specification																																																																																																																																																																					
147 2,520	147 2,520	For filing a request for reexamination																																																																																																																																																																					
112 920*	112 920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																					
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																					
115 110	215 55	Extension for reply within first month																																																																																																																																																																					
116 380	216 190	Extension for reply within second month																																																																																																																																																																					
117 870	217 435	Extension for reply within third month																																																																																																																																																																					
118 1,360	218 680	Extension for reply within fourth month																																																																																																																																																																					
128 1,850	228 925	Extension for reply within fifth month																																																																																																																																																																					
119 300	219 150	Notice of Appeal																																																																																																																																																																					
120 300	220 150	Filing a brief in support of an appeal																																																																																																																																																																					
121 260	221 130	Request for oral hearing																																																																																																																																																																					
138 1,510	138 1,510	Petition to institute a public use proceeding																																																																																																																																																																					
140 110	240 55	Petition to revive - unavoidable																																																																																																																																																																					
141 1,210	241 605	Petition to revive - unintentional																																																																																																																																																																					
142 1,210	242 605	Utility issue fee (or reissue)																																																																																																																																																																					
143 430	243 215	Design issue fee																																																																																																																																																																					
144 580	244 290	Plant issue fee																																																																																																																																																																					
122 130	122 130	Petitions to the Commissioner																																																																																																																																																																					
123 50	123 50	Petitions related to provisional applications																																																																																																																																																																					
126 240	126 240	Submission of Information Disclosure Stmt																																																																																																																																																																					
581 40	581 40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																					
146 760	246 380	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																					
149 760	249 380	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																					

SUBMITTED BY				Complete (if applicable)	
Typed or Printed Name	PETER A. LIPOVSKY			Reg. Number	32,580
Signature				Date	21 APR 99
				Deposit Account User ID	4040